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TO: THOMAS M. WEBSTER  
XEROX CORPORATION  
XEROX SQUARE 20A  
ROCHESTER, NY 14644

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NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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AND APPEARS IN THE OFFICE'S RECORDS AS SHOWN:

ASSIGNOR: 001 BLOOMBERG, DAN S.	DOC DATE: 09/27/90
ASSIGNOR: 002 HECHT, DAVID L.	DOC DATE: 09/27/90
ASSIGNOR: 003 TOW, ROBERT F.	DOC DATE: 10/18/90
ASSIGNOR: 004 FLORES, L. PRASADAM	DOC DATE: 09/27/90

RECORDATION DATE: 10/23/90 NUMBER OF PAGES 002 REEL/FRAME 5475/0447

DIGEST: ASSIGNMENT OF ASSIGNEE'S INTEREST

ASSIGNEE: 501 XEROX CORPORATION, STAMFORD, CT A CORP. OF NY

SERIAL NUMBER 7-560514 FILING DATE 07/31/90  
PATENT NUMBER ISSUE DATE 00/00/00

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MAR 27 1951

THOMAS M.  
WEST COAST PATER.

## CERTIFICATE

I, Martin S. Wagner, an Assistant Secretary of Xerox Corporation, a New York corporation (the "Company"), DO HEREBY CERTIFY that the following is a true and correct copy of a resolution duly adopted at a meeting of the Board of Directors of the Company duly held and convened on July 14, 1980, at which meeting a duly constituted quorum of the Board of Directors was present and acting throughout and that such resolution has not been modified, rescinded or revoked and is at present in full force and effect:

**RESOLVED:** that the Secretary and any Assistant Secretary be, and each of them severally hereby is, authorized from time to time to appoint and empower, and to cancel the appointment and power of, employees (except officers of the Company or officers, managers or directors of groups, divisions or departments) to execute and deliver in the name and on behalf of the Company and under its corporate seal all contracts, bids, instruments of conveyance or encumbrance, leases, bonds, consents, certificates (including any non-collusion certificates required by any governmental entity, department, agency or official) releases, powers of attorney and other documents which may be necessary or desirable in the ordinary conduct of the business of the group, division or department of which the employee is employed.

The undersigned further certifies that Mark Costello is appointed and empowered to execute and deliver in the name and on behalf of Xerox Corporation and under its Corporate Seal, any and all documents which may be necessary or desirable in any country for the filing, registration, processing, issuance, enforcement, or maintenance of any patent or application therefor or for the transfer of any right, title or interest therein, or to claim priority under the benefits of the International Convention (International Union for the Protection of Industrial Property) or other treaties or to take any other action relating in any way to intellectual property rights.

IN WITNESS WHEREOF, the undersigned has executed this Certificate and affixed the corporate seal of the Company hereto this 12th day of May, 1999.



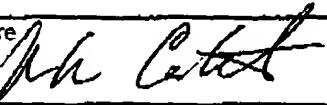
Martin S. Wagner  
Assistant Secretary

PTO/SB/53 (05-03)

Approved for use through 01/31/2004. OMB 0651-0033

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<b>REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT</b>		Docket Number (Optional) D/89194CCR
This is part of the application for a reissue patent based on the original patent identified below.		
Name of Patentee(s) Dan S. Bloomberg, et al.		
Patent Number 6,076,738	Date Patent Issued June 20, 2000	
Title of Invention <b>SELF-CLOCKING GLYPH SHAPE CODES</b>		
<p>1. <input checked="" type="checkbox"/> Filed herein is a statement under 37 CFR 3.73(b). (Form PTO/SB/96)</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect.</p>		
<p>One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee".</p> <p>The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.</p>		
<p>The assignee(s) owning an undivided interest in said original patent is/are <u>Xerox Corporation</u>, and the assignee(s) consents to the accompanying application for reissue.</p>		
Name of assignee/inventor (if not assigned)		
Signature 	Date 1/6/04	
Typed or printed name and title of person signing for assignee (if assigned)		
<p>Mark Costello General Patent Counsel</p>		

This collection of information is required by 37 CFR 1.172. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/68 (08-03)

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Xerox CorporationApplication No./Patent No.: 6,076,738 Filed/Issue Date: June 20, 2000Entitled: SELF-CLOCKING GLYPH SHAPE CODESXerox Corporation, a corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or2.  an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 5475, Frame 0447, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
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3. From: \_\_\_\_\_ To: \_\_\_\_\_  
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 Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3. If the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

1/6/04

Mark Costello

Date

203 968-3813

Typed or printed name

Telephone number

Mark Costello

Signature

General Patent Counsel

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to be (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned,

Dan S. Bloomberg, David L. Hecht, Robert F. Tow, L. Prasadam Flores

who have created a certain invention for which an application for United States Letters Patent has been filed on the 31st day of July, 1990, Serial No. 07/560,514, and entitled

## SELF-CLOCKING GLYPH SHAPE CODES

Do hereby sell, assign and transfer to XEROX CORPORATION, a corporation of the State of New York having a place of business at Stamford, in the County of Fairfield, and State of Connecticut, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that XEROX CORPORATION hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF we have hereunto set our signatures on the dates indicated below.

Dan S. Bloomberg

Date September 27, 1990

Date \_\_\_\_\_

David L. Hecht

Date 9/27/90

Date \_\_\_\_\_

Robert F. Tow

Date 18 Oct '90

Date \_\_\_\_\_

L. Prasadam Flores

Date 9/27/90

Date \_\_\_\_\_

Date \_\_\_\_\_

Return Address: Xerox Patent Department  
Xerox Square 20A  
Rochester, New York 14644